

1616

RAW SEQUENCE LISTING
PATENT APPLICATION: US/09/779,237A

DATE: 06/29/2001
TIME: 12:13:21

Input Set : A:\Sugarcane.txt
Output Set: N:\CRF3\06292001\I779237A.raw

ENTERED

3 <110> APPLICANT: South African Sugar Association
5 <120> TITLE OF INVENTION: The Regulation and manipulation of Sucrose Content in
Sugarcane

7 <130> FILE REFERENCE: PA128784
9 <140> CURRENT APPLICATION NUMBER: US 09/779,237A
10 <141> CURRENT FILING DATE: 2001-02-08
12 <160> NUMBER OF SEQ ID NOS: 2
14 <170> SOFTWARE: PatentIn version 3.0
16 <210> SEQ ID NO: 1
17 <211> LENGTH: 1176
18 <212> TYPE: DNA
19 <213> ORGANISM: Saccharum officinarum
20 <400> SEQUENCE: 1
22 gaattccgat tttagctcat actgcttctc acattacatt gggatgcgct ttgcaaacac 60
24 accccaatgc tgcactcatt ggggaagagg ttgctgcgaa gaagcaaac ccctaagaacg 120
26 tcacaaacta cactactgat atcatctgca agcgtgcaga tcttggttac aactatgggg 180
28 ttatccttat accagaaggc ctgattgatt teatcccaga ggttcaaaaa ctcctgcgac 240
30 aattgaatga aattttggca catgatgtgg ttgatgaggg aggggctggg aaaagcaagc 300
32 ttacagcctga atcaaaaggag ctgtttgagt ttttgcccaa aactattcag gagcaactta 360
34 tgcttgaagg gggcccccac ggcaatgttc aggttgcaaa aattgaacc gagaaaatgc 420
36 ttttagcatg ggtggaacat tctttgggt acgaaggaag atgtggccct cctaccaatt 480
38 atttcagagg gcaagctcat gcaataggct atggtgtcgg tgcccttctc caaagtggga 540
40 ttgattctaa ctattgctat gcattaggct ttgcggctcc agtagaagaa tggactgttg 600
42 agacaggact tatttcacag gttggcaacc ttgcggctcc agtagaagaa tggactgttg 660
44 ttggaacagc attgacatcc ctgatggatg ttgagaggag gcattggcaa ttcaagccag 720
46 tgatcaagaa ggcattgggt gaacttgatg ctgcaccttt caagaaatat gcatcaatgc 780
48 gggatgagtg ggcacacagg aacagataca tcagccctgg ccccatccag ttcaagtggc 840
50 ctggaagtga tjaactcgaa cacactttga tctgtggaac cgggtgctgag gactgggtct 900
52 ggcctctttg ctattttttg ttctttacag ttttgaggat ggagacttga cactgggtct 960
54 cctggagcag cctgcagctc ccatattgtg aattgtttaa taagaggttc gatgtgagtt 1020
56 ttctgcgtag cggactggat gtgacaaata agaactgggt ttgacttttt ttgatgtatt 1080
58 taacgaccaa ctgactgttc ttgtaacctt gattctgttc cactggttgc aatctcgtga 1140
60 taatgacaaa gtgatattga ggcataaatc gaattc 1176
63 <210> SEQ ID NO: 2
64 <211> LENGTH: 1668
65 <212> TYPE: DNA
66 <213> ORGANISM: Saccharum officinarum
67 <400> SEQUENCE: 2
69 atggcggcgc cgaagcgagc atcacctggg actgggaggt tggcgtcggt ttacagcgag 60
71 gtgcagacga gccgcctcca tcacgcgcat cggttccctt cgcctctctg ctcccaattc 120
73 tccctcgtcg atggacctcc cagctcaagg accgggaacc cggatgagat cgcgaagctg 180
75 ttccctaaat tgttttgcca gccgtcggcg acatttggtg cgcgcaaaag gccggtggag 240
77 ggggaaggcg tgaaggtcgg ggtgtgtctc tctggtggac aagcaccocg tgggcacaa 300
79 tggatctcgg gtatcttcga ttcttcgag aaacacgcaa aggggaagcac aatgtattga 360
81 ttcaaaaggg gccacagcag ggtgatgaag tgcaagtacg tcaaaactca taccgatttc 420
83 ctctatccct acagaaacca ggtgtgtttt gatattgatc gtatgtggaag ggataagatt 480
85 gaaacaccag agcagtttaa gcaagccgaa gatacagcca acaaaactga ggtgacgga 540
87 cttgttgtta ttggacggga cgattcaaat actcatgctt gcctctttgc tgaatacttc 600

RAW SEQUENCE LISTING

PATENT APPLICATION: US/09/779,237A

DATE: 06/29/2001

TIME: 12:13:21

Input Set : A:\Sugarcane.txt

Output Set : N:\CRF3\06292001\I779237A.raw

89	aggagtaaaa	atttgaaaac	cgtgttcatt	ggctgcccc	agaccattga	tggtgatctc	660
91	aaatgcaaa	aggttccaac	cagtttttga	tttgacactg	catgcaagat	ctattcagaa	720
93	atgattggaa	atgtcatgat	tgatgccga	tcaactggaa	aatattatca	ctttgtacgg	780
95	cttatggggc	gtgctgttcc	tcacattaca	ttgggatgcg	ctttgcaaac	acaccccaat	840
97	gtgtcactca	ttggggaaga	ggttgctgca	aagaagcaaa	cccttaagaa	cgtcacaaaac	900
99	tacattactg	atatcatctg	cgagcgtgca	gatcttggtt	acaactatgg	tgttatcctt	960
101	ataccagaag	gcctgattga	tttcatccca	gaggtgcaga	atatcattgc	tgaattgaat	1020
103	gaaatttttg	cacatgatgt	tgttgatgag	gcagggggct	ggaaaagcaa	gcttcagcct	1080
105	gaatcaaaag	agctgtttga	gtttttgccc	aaaactattc	aggagcaact	tatgcttgaa	1140
107	agggggccccc	atggcaatgt	tcagggttgca	aaaattgaaa	ccgagaaaat	gcttattagc	1200
109	atggttgaaa	ctgaactgga	gaagagaaaa	gcagagggga	gatactctgc	acatttcaga	1260
111	gggcaagctc	atttcttttg	gtacgaagga	agatgtggcc	ttcctaccaa	ttttgattct	1320
113	aactattgct	atgcattagg	ctatggggct	gggtgccttc	tccaaaagtgg	gaajacagga	1380
115	cttattttcat	cggttggcaa	ccttgccgct	ccagtagaag	aatggactgt	tggtggaaca	1440
117	gcattgacat	cactgatgga	tgtggagagg	aggcatggca	agttcaagcc	agtgcacgag	1500
119	aagcctatgg	tggaaacttga	tgtgcacctc	ttcaagaaat	atgcataaat	gcgggatgag	1560
121	tggggccacca	agaacagata	catcagccct	ggccccatcc	agtttcagtgg	ccctggaagt	1620
123	gatgactega	accacacttt	gatgctggaa	ctcgggtgctg	agttatag		1668

VERIFICATION SUMMARY

PATENT APPLICATION: US/09/779,237A

DATE: 06/29/2001
TIME: 12:13:22

Input Set : A:\Sugarcane.txt

Output Set: N:\CRF3\06292001\I779237A.raw

6/29/01